$$\begin{array}{c} R_1 \\ N_{R_2} \end{array}$$

- 9. (Amended) A polyfluorene according to claim 7 cross-linked to a polyfluorene according to claim 7 via at least one linkage selected from the group comprising a 9,9-spirobifluorene-linkage, a bifluorenyl-linkage, a bifluorenylidene-linkage and an α,ω-difluorenylalkane-linkage with a length of the alkane spacer in the range from 1 20 C-atoms.
- (Amended) A polyfluorene according to claim 7 which has at least one colortuning moiety incorporated into the main chain.
 - 12. (Amended) A polyfluorene according to claim 7, which is liquid-crystalline.
 - 14. (Amended) A polyfluorene according to claim 7, which is amorphous.
 - 16. (Amended) A film incorporating a polyfluorene according to claim 15.
- (Amended) A film according to claim 16, incorporating at least one other substance.
 - 20. (Amended) A film according to claim 16, deposited on an alignment layer.
- 21. (Amended) A film according to claim 16 having a thickness ranging from 10 nm to 2 μm .
- (Amended) A device selected from the group comprising FETs, photovoltaic elements, LEDs and sensors, incorporating a polyfluorene according to claim 16.
- (Amended) A device selected from the group comprising FETs, photovoltaic elements. LEDs and sensors, incorporating a film according to claim 16.
 - 26. (Amended) Use of a polyfluorene according to claim 1 in a film.